

# LMX-0600 Series

6-Port Industrial Managed Ethernet Switches,  
w/6\*10/100Tx, 12~48VDC Power Input



## Features

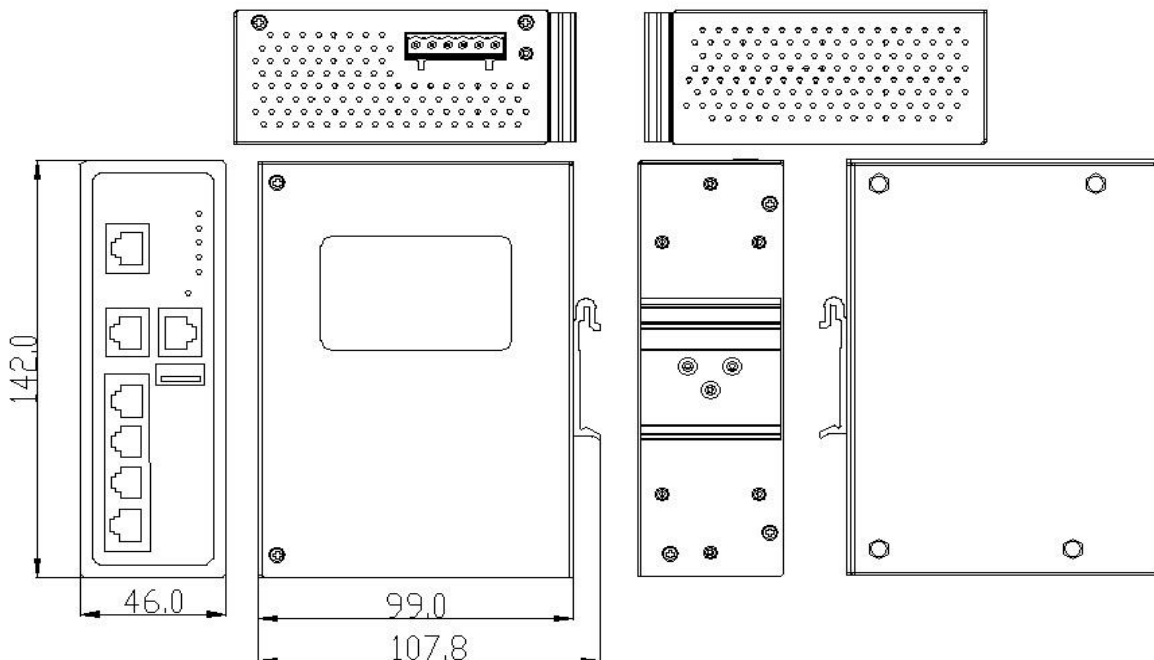
- ▶ Supports 6\*10/100Tx Fast Ethernet Ports
- ▶ Network Redundancy support: RSTP, and G.8032 ERPS (Recovery Time <50ms)
- ▶ Configuration: Web Console, Telnet, CLI Command
- ▶ Supports IGMP v1/v2, up to 256 Groups
- ▶ Supports QoS (IEEE802.1p) and CoS/ToS
- ▶ Supports IEEE802.1Q VLAN, SNMP v1/v2c
- ▶ System Warning Setting for Automatic Warning through E-Mail
- ▶ Redundant Power Input Design – 12~48VDC
- ▶ Housing: Metal IP 30 Rated; DIN-Rail and Wall Mount Support
- ▶ Operating Temperature - STD: -10 to 70C, EOT: -40 to 75C
- ▶ 5-Year Warranty

## INTRODUCTION

**Antaira LMX-0600 series** is a 6-port industrial managed Ethernet switch that is embedded with 6\*10/100Tx fast Ethernet ports. This series is a fully manageable industrial Ethernet switch pre-loaded with standard Layer 2 network management software, and supports a user friendly web console interface for easy configuration.

LMX-0600 series is IP30 rated, DIN-rail mountable, and has two wide operating temperature models for either a standard temperature range ( STD: -10°C to 70°C) or an extended temperature range (EOT: -40°C to 75°C). It also provides high EFT and ESD protection for any industrial networking application within factory automation, ITS, power/utility, water wastewater, and any other outdoor or harsh environment.

## DIMENSIONS



## SPECIFICATIONS

Technology		Protection	
Standards	IEEE 802.3 10Tx Ethernet	Overload Current	Present
	IEEE 802.3U 100Tx Fast Ethernet	Power Reverse polarity	Present (the unit will not be on, if power reverse)
	IEEE 802.3x Flow Control for Full Duplex	CPU Watch Dog	Present
	IEEE 802.1d STP (Spanning Tree Protocol)	Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; 100Base-TX: 2-pair UTP/STP Cat. 5 cable. EIA/TIA-568 100-ohm (100m)
	IEEE 802.1w RSTP (Rapid Spanning Tree Protocol)		
	IEEE 802.1s MTP (Multiple Spanning Tree Protocol)		
	ITU-TG.8032 / Y.1344 ERPS (Ethernet Ring Protection Switch)	Mechanical Characteristics	
	IEEE 802.1Q Virtual LANs (VLAN)	LED Indicator	Per Unit: Power 1 & 2 (Green), Fault (Red)
	IEEE 802.1X Network Authentication	Housing	Metal IP30 rated
	IEEE 802.1ad Stacked VLAN, Q-in-Q	Dimension	46 x 142 x 99 mm
	IEEE 802.1p QoS/CoS Protocol for Traffic Prioritization	Weight	Unit: 1.3 lbs; Shipping: 2.2 lbs
Switch Properties		Mounting	DIN-Rail; Wall-mount (optional)
Protocol	CSMA/CD,IGMPv1/v2,SNMPv1/v2,TFTP,SNT P,SMTP,RARP, Syslog	Power Requirement	
Configuration	Web Console, Telnet, CLI	Input Voltage	12~48VDC Redundant Input
Transfer Rate	14,880pps for 10Base-T Ethernet port 148,880pps for 100Base-T Fast Ethernet port	Power Connection	1 removable 6-contact terminal block
Packet Buffer	1 Mbits	Power Consumption	10 Watts
MAC Table	8K	Environmental Limits	
Jumbo Frame	-	Operating Temperature	STD: -10° to 70° C EOT: -40° to 75° C
Flow Control	IEEE 802.3x for full duplex mode, back pressure for half duplex mode	Storage Temperature	-40°C ~ 85°C
VLAN Group	0 ~ 4094	Ambient Relative Humidity	5 to 95%, (non-condensing)
IGMP Group	Up to 256 Groups	Regulatory Approvals	
Port Interface		EMI	FCC Class A
Ethernet RJ45 Port	6*10/100BaseTx, auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection	EMS	EN6100-4-2,3,4,5,6,8, EN6100-6-2,4
Fiber Port	-	Free Fall	IEC60068-2-32
RS232 Serial Console	1*RS232 in RJ45 connector with console cable, 115.2bps, 8,N,1	Shock	IEC60068-2-27
Configuration Backup	1*USB 2.0	Vibration	IEC60068-2-6
		Green	RoHS Compliant
		Certifications	FCC, CE, UL, UL508 (Pending)
		Warranty	5 Years

## ORDERING INFO

LMX-0600	6-Port Industrial Managed Switch, with 6*10/100Tx,12~48VDC
LMX-0600-T	6-Port Industrial Managed Switch, with 6*10/100Tx,12~48VDC; EOT: -40 to 75C
Optional Accessories	
MDR-10-24	10W Industrial DIN-Rail Power Supply, 24VDC
DR-15-24	15W Industrial DIN-Rail Power Supply, 24VDC
DR-45-24	45W Industrial DIN-Rail Power Supply, 24VDC
MDR-60-48	60W Industrial DIN-Rail Power Supply, 48VDC
DR-75-48	75W Industrial DIN-Rail Power Supply, 48VDC